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(54) **ANTENNA CALIBRATION IN
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(57) **ABSTRACT**

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A method is disclosed for antenna calibration in communications, the method comprising creating an uplink calibration signal for active antenna or antenna array uplink calibration, at a baseband part of a transmitter directly to a selected duplex spacing or another specified spacing from a transmission signal inside a baseband output sampling rate spectrum of the transmitter. Measurements are carried out on the uplink calibration signal. Based on collected measurement data, calibration information is calculated. The active antenna or antenna array uplink calibration is performed based on the calculated calibration information.

